

PN - JP2002127108 A 20020508
 IC - B27K5/00
 FI - B27K5/00&F
 FT - 2B230/AA01 ;2B230/AA04 ;2B230/AA08 ;2B230/BA01 ;2B230/BA02 ;
 2B230/BA17 ;2B230/EA19 ;2B230/EA21 ;2B230/EB05 ;2B230/EB06 ;
 2B230/EB07 ;2B230/EB11 ;2B230/EB13 ;2B230/EB29 ;2B230/EC24
 TI - METHOD FOR MANUFACTURING COMPRESSED LUMBER
 PA - AIISO SHIMAO;AIISO TADANOBU
 IN - AIISO SHIMAO
 AP - JP20000325705 20001025
 PR - JP20000325705 20001025
 DT - I
 PD - 2002-05-08
 OPD - 2000-10-25
 NPR - 1

AN - 2003-561355 [53]
 TI - Compressed lumber manufacturing method involves heating, pressurizing and cooling lumber after covering it with heat-resistant sheet
 AB - JP2002127108 NOVELTY - The lumber is covered by a heat-resistant sheet and heated at high frequency with microwave or steam. The lumber is inserted into a mold and pressurized after softening it by plasticizing. The pressure formed lumber is then treated by high pressure steam and its strength and beauty of wood grain are enhanced. The lumber is then hardened by cooling.
 - USE - For manufacturing lumber.
 - ADVANTAGE - Improves strength, quality and beauty of lumber and prevents fungal decay of wood.
 - DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining the manufacture of compressed lumber. (Drawing includes non-English language text).
 - (Dwg.1/1)
 IW - COMPRESS LUMBER MANUFACTURE METHOD HEAT PRESSURISED COOLING LUMBER AFTER COVER HEAT RESISTANCE SHEET
 PN - JP2002127108 A 20020508 DW200353 B27K5/00 004pp
 IC - B27K5/00
 MC - F05-A07
 - X25-B02B3 X25-X01
 DC - F09 P63 X25
 PA - (AISO-I) AISO S

(AISO-I) AISO T

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TI - METHOD FOR MANUFACTURING COMPRESSED LUMBER

AB - PROBLEM TO BE SOLVED: To provide a method for manufacturing compressed lumber wherein low quality lumber is processed to high grade lumber of not less than Japanese cypress by maximizing the use of processing techniques such as heating, pressurizing and the like to raise the added value of the lumber.

- SOLUTION: The method for manufacturing compressed lumber is composed of a process wherein lumber is covered by a heat resisting sheet, heated by using a heating means of high frequency, a microwave or steam and the like and the lumber quality is softened by plasticizing treatment; a process wherein the softened lumber is inserted into a mold, and regulated in a shape pressurizing with a compressing pressurizing device; a lumber quality-hardening process for making a lumber quality strong against a decay fungus and insect pest wherein the pressure-formed lumber is put into a high pressure steam can in such a state as fixed to the mold, treated by high pressure, and strength of the lumber material and beauty of grain of the wood are raised while lumber dimensions are fixed in a specific shape; and a cooling treatment process wherein the lumber of which the material is hardened is carried outside as fixed in the mold and cooled.

I - B27K5/00

PA - AISO SHIMAO AISO TADANOBU

IN - AISO SHIMAO

ABD - 20020904

ABV - 200209

AP - JP20000325705 20001025